



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3180

|  |   |   |   |  |                                |
|--|---|---|---|--|--------------------------------|
| <b>SERIAL NUMBER</b><br>10/714,049   | <b>FILING OR 371(c) DATE</b><br>11/13/2003<br><b>RULE</b>   | <b>CLASS</b><br>709                       | <b>GROUP ART UNIT</b><br>2109   | <b>ATTORNEY DOCKET NO.</b><br>GB920030046US1 |                                |
| <b>APPLICANTS</b><br>John J. Duigenan, Bournemouth, UNITED KINGDOM;<br>Stephen J Todd, Winchester, UNITED KINGDOM;<br>Graham D. Wallis, West Wellow, UNITED KINGDOM;   |   |   |   |  |                                |
| <b>** CONTINUING DATA *****</b> TKP  |   |   |   |  |                                |
| <b>** FOREIGN APPLICATIONS *****</b> TKP<br>UNITED KINGDOM 0312894.9 06/05/2003  |   |   |   |  |                                |
| <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b><br><b>** 02/12/2004</b>   |   |   |   |  |                                |
| Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no<br>35 USC 119 (a-d) conditions <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after<br>met<br>Verified and Allowance <i>TKP</i><br>Acknowledged Examiner's Signature Initials |   | <b>STATE OR COUNTRY</b><br>UNITED KINGDOM | <b>SHEETS DRAWING</b><br>4  | <b>TOTAL CLAIMS</b><br>33                    | <b>INDEPENDENT CLAIMS</b><br>3 |
| <b>ADDRESS</b><br>IBM Corporation<br>IP Law Department<br>11400 Burnet Road<br>Austin, TX78758   |   |   |   |  |                                |
| <b>TITLE</b><br>Liveness monitoring in a publish/subscribe messaging system  |   |   |   |  |                                |
| <b>FILING FEE RECEIVED</b><br>1004   | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: |   | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |  |                                |